Undergraduate Program Name: Mathematics, BS, with Concentration in <mark>Pure Mathematics (2021)</mark>

Graduate Program Name: Applied Statistics and Analytics MS

Double Owl Scholars will NOT take the following Mathematics, BS courses:	In their place, Double Owl Scholars will take the following MSAS courses:
Related Studies (1 of 3)	STAT 7100
Related Studies (2 of 3)	STAT 7020
Related Studies (3 of 3)	STAT Elective (Graduate)

Year 1 - Fall	Credits	Year 1 - Spring	Credits
ENGL 1101 (Core A1)	3	ENGL 1102 (Core A1)	3
MATH 1113 (Core A2)	3	General Education Core Curriculum B2	3
ECON 1000 (Core B1)	2	MATH 1190 (Core D1)	4
General Education Core Curriculum C1	3	General Education Core Curriculum E2	3
General Education Core Curriculum E1	3	CSE 1321/L	4
Total	14	Total	17
Year 2 - Fall	Credits	Year 2 - Spring	Credits
MATH 2202	4	MATH 2203	4
SCM 2000	3	MATH 2390	3
General Education Core Curriculum C2	3	MATH 2306	3
General Education Core Curriculum D2	4	General Education Core Curriculum D2	4
General Education Core Curriculum E3	3	General Education Core Curriculum E4	3
Total	17	Total	17
Year 3 - Fall	Credits	Year 3 - Spring	Credits
MATH 3332	3	MATH 3322 or MATH 3324	3
MATH 3204	3	MATH 3261 or MATH 3262	3
MATH 3260	3	MATH 4361	3
Free Elective	4	MATH elective	3
Free Elective	3		
Total	16	Total	12
		Apply to Double Owl	
Year 4 - Fall	Credits	Year 4 – Spring	Credits
MATH 4381	3	MATH 4382	3
MATH 4391	3	MATH 3496 or MATH 4596	3
MATH 4260	3	MATH 4362	3
STAT 7100	3	STAT 7XXX Graduate Elective	3
STAT 7020	3		
Total	15	Total	12
		Apply to MSAS	
Year 5 - Fall	Credits	Year 5 - Spring	Credits
STAT 7010	3	STAT 8210	3
STAT Graduate Elective	3	STAT 8330	3
STAT 8240	3	STAT8120	3
Total	9	Total	9
Year 6 - Fall	Credits	Year 6 - Spring	Credits
STAT 8250	3		
STAT 8940	3		
STAT 8918 Internship	3		
Total	9	Total	

Pathway Total: 120 + 36 – 9 = 147 Credit Hours

Last Updated: October 29, 2021

Undergraduate Program Name: Mathematics, BS, with Concentration in Applied and <mark>Computational Mathematics</mark> (2021)
Graduate Program Name: Applied Statistics and Analytics MS

Double Owl Scholars will NOT take the following Mathematics, BS courses:	In their place, Double Owl Scholars will take the following MSAS courses:
Related Studies (1 of 3)	STAT 7100
Related Studies (2 of 3)	STAT 7020
Related Studies (3 of 3)	STAT Elective (Graduate)

Year 1 - Fall	Credits	Year 1 - Spring	Credits
ENGL 1101 (Core A1)	3	ENGL 1102 (Core A1)	3
MATH 1113 (Core A2)	3	General Education Core Curriculum B2	3
ECON 1000 (Core B1)	2	MATH 1190 (Core D1)	4
General Education Core Curriculum C1	3	General Education Core Curriculum E2	3
General Education Core Curriculum E1	3	CSE 1321/L	4
Total	14	Total	17
Year 2 - Fall	Credits	Year 2 - Spring	Credits
MATH 2202	4	MATH 2203	4
SCM 2000	3	MATH 2390	3
General Education Core Curriculum C2	3	MATH 2306	3
General Education Core Curriculum D2	4	General Education Core Curriculum D2	4
General Education Core Curriculum E3	3	General Education Core Curriculum E4	3
Total	17	Total	17
Year 3 - Fall	Credits	Year 3 - Spring	Credits
MATH 3332	3	MATH 3322 or MATH 3324	3
MATH 3204	3	MATH 3261	3
MATH 3260	3	MATH 3262	3
Free Elective	4	MATH 4361	3
MATH Elective	3	Free Elective	3
Total	16	Total	15
		Apply to Double Owl	
Year 4 - Fall	Credits	Year 4 - Spring	Credits
MATH 4381	3	MATH 4382 or MATH 4362	3
MATH 4310	3	MATH 4391	3
STAT 7100	3	MATH 4260	3
STAT 7020	3	STAT 7XXX Graduate Elective	3
Total	12	Total	12
		Apply to MSAS	
Year 5 - Fall	Credits	Year 5 - Spring	Credits
STAT 7010	3	STAT 8210	3
STAT Graduate Elective	3	STAT 8330	3
STAT 8240	3	STAT8120	3
Total	9	Total	9
Year 6 - Fall	Credits	Year 6 - Spring	Credits
STAT 8250	3		
STAT 8940	3		
STAT 8918 Internship	3		
Total	9	Total	

Pathway Total: 120 + 36 – 9 = 147 Credit Hours

Undergraduate Program Name: B.S. in Mathematics with Concentration in <mark>Discrete Mathematics and Operations Research</mark> (2021)
Graduate Program Name: Applied Statistics and Analytics MS

Double Owl Scholars will NOT take the following Mathematics, BS courses:	In their place, Double Owl Scholars will take the following MSAS courses:
Related Studies (1 of 3)	STAT 7100
Related Studies (2 of 3)	STAT 7020
Related Studies (3 of 3)	STAT Elective (Graduate)

Year 1 - Fall	Credits	Year 1 - Spring	Credits
ENGL 1101 (Core A1)	3	ENGL 1102 (Core A1)	3
MATH 1113 (Core A2)	3	General Education Core Curriculum B2	3
ECON 1000 (Core B1)	2	MATH 1190 (Core D1)	4
General Education Core Curriculum C1	3	General Education Core Curriculum E2	3
General Education Core Curriculum E1	3	CSE 1321/L	4
Total	14	Total	17
Year 2 - Fall	Credits	Year 2 - Spring	Credits
MATH 2202	4	MATH 2203	4
SCM 2000	3	MATH 2390	3
General Education Core Curriculum C2	3	MATH 2306	3
General Education Core Curriculum D2	4	General Education Core Curriculum D2	4
General Education Core Curriculum E3	3	General Education Core Curriculum E4	3
Total	17	Total	17
Year 3 - Fall	Credits	Year 3 - Spring	Credits
MATH 3332	3	MATH 3322	3
MATH 3204	3	MATH 3324	3
MATH 3260	3	MATH 3272	3
Free Elective	3	MATH 3261 or MATH 3262	3
Free Elective	4	MATH Elective	3
Total	16	Total	15
		Apply to Double Owl	
Year 4 - Fall	Credits	Year 4 - Spring	Credits
MATH 4361	3	MATH 4382 or MATH 4362	3
MATH 4381	3	MATH 4260	3
ISYE 4200	3	STAT 7XXX Graduate Elective	3
STAT 7100	3		
STAT 7020	3		
Total	15	Total	9
		Apply to MSAS	
Year 5 - Fall	Credits	Year 5 - Spring	Credits
STAT 7010	3	STAT 8210	3
STAT Graduate Elective	3	STAT 8330	3
STAT 8240	3	STAT8120	3
Total	9	Total	9
Year 6 - Fall	Credits	Year 6 - Spring	Credits
STAT 8250	3		
STAT 8940	3		
STAT 8918 Internship	3		
Total	9	Total	

Pathway Total: 120 + 36 – 9 = 147 Credit Hour

Undergraduate Program Name: B.S. in Mathematics with Minor in Statistics (2021)
Graduate Program Name: Applied Statistics and Analytics MS

Last Updated: October 29, 2021

Double Owl Scholars will NOT take the following Mathematics, BS courses:	In their place, Double Owl Scholars will take the following MSAS courses:
Related Studies (1 of 3)	STAT 7100
Related Studies (2 of 3)	STAT 7020
Related Studies (3 of 3)	STAT Elective (Graduate)

Year 1 - Fall	Credits	Year 1 - Spring	Credits
ENGL 1101 (Core A1)	3	ENGL 1102 (Core A1)	3
MATH 1113 (Core A2)	3	General Education Core Curriculum B2	3
ECON 1000 (Core B1)	2	MATH 1190 (Core D1)	4
General Education Core Curriculum C1	3	General Education Core Curriculum E2	3
General Education Core Curriculum E1	3	CSE 1321/L	4
Total	14	Total	17
Year 2 - Fall	Credits	Year 2 - Spring	Credits
MATH 2202	4	MATH 2203	4
SCM 2000	3	MATH 2390	3
General Education Core Curriculum C2	3	MATH 2306	3
General Education Core Curriculum D2	4	General Education Core Curriculum D2	4
General Education Core Curriculum E3	3	General Education Core Curriculum E4	3
Total	17	Total	17
Year 3 - Fall	Credits	Year 3 - Spring	Credits
MATH 3332	3	MATH 3322 or MATH 3324	3
MATH 3204	3	MATH 3161 or MATH 3262	3
MATH 3260	3	Stat minor course	3
Free Elective	3	Stat minor course	3
Free Elective	4	MATH Elective	3
Total	16	Total	15
		Apply to Double Owl	
Year 4 - Fall	Credits	Year 4 - Spring	Credits
MATH 4361	3	Stat minor course	3
MATH 4381	3	Stat minor course	3
STAT 7100	3	Stat minor course	3
STAT 7020	3	STAT 7XXX Graduate elective	3
Total	12	Total	12
		Apply to MSAS	
Year 5 - Fall	Credits	Year 5 - Spring	Credits
STAT 7010	3	STAT 8210	3
STAT Graduate Elective	3	STAT 8330	3
STAT 8240	3	STAT8120	3
Total	9	Total	9
Year 6 - Fall	Credits	Year 6 - Spring	Credits
STAT 8250	3		
STAT 8940	3		
STAT 8918 Internship	3		
Total	9	Total	

Pathway Total: 120 + 36 – 9 = 147 Credit Hours